

Peak District National Park

Forecast valid from 06:00 on Tuesday 04 Jan 2022 until 23:59 on Wednesday 05 Jan 2022

Forecast Issued on Tuesday 04 Jan 2022 at 02:35

Confidence: High for a cold and bright start to the period becoming more unsettled with rain or snow at times. Confidence becoming lower for the timing of rain/snow and the level at which snow falls towards the end of the week.

Headline for Tuesday 04 Jan 2022: Cold and windy, but bright with sunny or clear spells. Chance of snow showers.

Mountain weather hazards on Tuesday 04 Jan 2022

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sleet	Sunny intervals	Sunny	Clear night	Light snow showers (night)	Light snow showers (night)
Precipitation probability					
60%	<05%	<05%	<05%	30%	40%

Forecast for Tuesday 04 Jan 2022

Weather: Overnight rain and snow soon clearing during the early part of the morning. It will then become mainly dry and bright with sunny spells during daylight hours. However, the odd snow shower is possible, these most likely in the west during the evening. Cold, with a significant wind chill over the tops.

Chance of cloud free mountain/hill tops above 600m: 30% at first, becoming 90%, then 60% during the evening.

Visibility: Mostly very good or excellent, with distant hills clearly visible. Poor or very poor in any rain, snow or low cloud with nearby landmarks obscured. Areas of cloud with bases around 300-400m at first, soon clearing. Then low cloud in association with snow showers during the evening, with bases temporarily reaching 500-600m.

Forecast for Tuesday 04 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 N	14/23 NW	19/26 NW	22/30 NW	22/31 NW	23/33 W	26/36 W
300	7/10 NW	9/14 NW	16/23 NW	18/26 NW	15/24 NW	18/28 W	20/30 W
Valley	4/12 NW	5/14 NW	11/22 NW	12/26 NW	10/24 NW	11/26 W	12/28 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-2/-9	-2/-10	-2/-10	-2/-10	-2/-10	-2/-10
300	1/-2	-0/-5	0/-5	1/-5	0/-6	0/-6	1/-6
Valley	2/-0	-0/-3	1/-3	2/-3	0/-4	0/-4	1/-4
Freezing Level*	200m	100m	200m	100m	100m	100m	200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Much colder than recently with a significant wind chill. Gusts over exposed ridges and summits may be higher than shown in the table, with 40-45 mph gusts possible during the evening and especially in the east of the Park.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 04 Jan 2022	N/A	N/A	N/A

Forecast for Wednesday 05 Jan 2022

Weather: Mainly dry and bright with sunny or clear spells. Any early snow showers soon clearing after dawn. A widespread frost to start.

Maximum wind: Northwest 25-30 mph gusting 40-45 mph at first over the tops with a severe wind chill. Winds easing during daylight hours.

Chance of cloud free mountain/hill tops above 600m: 60% becoming 90%

Visibility: Mostly very good or excellent. Poor or very poor in any early morning snow showers, with bases temporarily reaching 500-600m.

Temperature: **Valleys:** Minus 2 Celsius rising to Plus 2 Celsius around the middle of the day.
At 600m: Minus 1 Celsius
Freezing level: All levels at first, becoming around 200-300m.